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**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Boden et al.

**Application No. 10/521,628** 

Filed: January 13, 2005 Confirmation No. 2023

For:

BETA SHEET TAPES RIBBONS IN

TISSUE ENGINEERING

Examiner: Not yet assigned J. HA Art Unit: Not yet assigned 1654

Attorney Reference No. 5585-70293-01

#### **CERTIFICATE OF MAILING**

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Attorney or Agent for Applicant(s)

Date Mailed September 6.

# INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

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Listed on the accompanying form PTO-1449 and enclosed herewith are several Englishlanguage documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	5585-70293-01		
Application Number	10/521,628		
Filing Date	January 13, 2005		
First Named Inventor	Boden		
Art Unit	Not yet assigned 1654		
Examiner Name	Not yet assigned J. Ho		

## **U.S. PATENT DOCUMENTS**

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JH/		6,034,211	3/7/2000	Kelly

### **FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Country	Number	<b>Publication Date</b>	Name of Applicant or Patentee		
/JH/		WIPO	WO 03/006494 A1	23.01.2003	University of Leeds		
Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS					
/JH/		Aggeli et al., "Responsive Gels Formed by the Spontaneous Self-Assembly of Peptides Into Polymeric \( \mathbb{B}\)-Sheet Tapes," Nature 386:259-262 (1997).					
		Aggeli et al., "pH as a Trigger of Peptide β-Sheet Self-Assembly and Reversible Switching between Nematic and Isotropic Phases," J. Am. Chem. Soc. 125:9619-9628 (2003).					
		Fishwick et al., "Structures of Helical $\beta$ -Tapes and Twisted Ribbons: The Role of Side-Chain Interactions on Twist and Bend Behavior," Nano Lett. 3:1475-1479 (2003).					
	-	Fukushima, "Self-Induced Helix-Sheet Conformational Transitions of an Amphiphilic Peptide," <i>Polym. J.</i> 27:819-830 (1995).					
		Nyrkova et al., "Fibril Stability in Solutions of Twisted β-Sheet Peptides: A New Kind of Micellization in Chiral Systems," Eur. Phys. J. 17:481-497 (2000).					
$\bigvee$	Nyrkova et al., "Self-Assembly and Structure Transformations in Living Polymers Forming Fibrils," <i>Eur. Phys. J.</i> 17:499-513 (2000).						

EXAMINER /Julie Ha/ SIGNATURE:	DATE CONSIDERED:	Sept. 08	, 2005
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<sup>\*</sup> Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.